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IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1-50 (Cancelled)

51. (Currently amended) A method for reducing immune-mediated damage to cells, tissues or organs comprising contacting a cell, tissue or organ with an immunoprotective amount of a polypeptide comprising the amino acid sequence AVL~~S~~AEQLR (SEQ ID NO:3), wherein the immune-mediated damage is caused by lymphocytes, NK cells or NK-like cells.

52-59 (Cancelled)

60. (Currently amended) A method for protecting cells, organs or tissues comprising exposing said cells, organs or tissues to an immunoprotective amount of a polypeptide that contains at least one comprising a sequence selected from the group consisting of AX₁X₂X₃AX₄X₅X₆R (SEQ ID NO:1), AX₁L~~S~~AEX₅X₆R (SEQ ID NO:1), AX₁X₂X₃AEQLR (SEQ ID NO:29), and AVL~~S~~AX₄X₅LR (SEQ ID NO:1) the HSP47 polypeptide sequence presented as SEQ ID NO:6 and the amino acid sequence AVL~~S~~AEQLR (SEQ ID NO:3), wherein said polypeptide is effective to prevent damage caused by lymphocytes, NK cells or NK-like cells, wherein X₁ is V, L, A or T, X₂ is L or H, X₃ is S or V, X₄ is D or E, X₅ is P, K or R, and X₆ is L or V (SEQ ID NO:1), and wherein X₁, X₂ and X₃ are any amino acid when the polypeptide contains the sequence AX₁X₂X₃AEQLR (SEQ ID NO:29).

61. (Currently amended) The method of claim 60, wherein said polypeptide comprises the sequence AX₁X₂X₃AX₄X₅X₆R, wherein X₁ is V, L, A or T, X₂ is L or H, X₃ is S or V, X₄ is D or E, X₅ is Q, K or R, and X₆ is L or V (SEQ ID NO:1) is the HSP47 polypeptide sequence presented as SEQ ID NO:6.

62. (Currently amended) The method of claim ~~[[60]]~~61, wherein said polypeptide comprises ~~[[the]]~~ a sequence ~~AX₁L₁SAEX₃X₆R~~ wherein ~~X₁ is V, L or T, X₃ is Q, K or R, and X₆ is L or V~~ (SEQ ID NO:14) having at least 95% sequence identity to SEQ ID NO:6 and said polypeptide exhibits immunoprotective properties of (SEQ ID NO:6).

63. (Currently amended) The method of claim ~~[[60]]~~61, wherein said polypeptide comprises ~~[[the]]~~ a sequence ~~AX₁X₂X₃AEQLR~~, wherein ~~X₁, X₂ and X₃ are any amino acid (SEQ ID NO:29)~~ having at least 90% sequence identity to SEQ ID NO:6 and said polypeptide exhibits immunoprotective properties of (SEQ ID NO:6).

64. (Currently amended) The method of claim ~~[[63]]~~ 61, wherein said polypeptide comprises a sequence X₁ is V or A, X₂ is L or H, and X₃ is preferably S or V (SEQ ID NO:2) having at least 85% sequence identity to SEQ ID NO:6 and said polypeptide exhibits immunoprotective properties of (SEQ ID NO:6).

65. (Currently amended) The method of ~~[[60]]~~61, wherein said polypeptide comprises ~~[[the]]~~ a sequence ~~AVLSAX₄X₅LR~~ wherein ~~X₄ is D or E, and X₅ is K or Q (SEQ ID NO:13)~~ having at least 80% sequence identity to SEQ ID NO:6 and said polypeptide exhibits immunoprotective properties of (SEQ ID NO:6).

66. (Currently amended) A method for protecting cells, organs or tissues comprising exposing said cells, organs or tissues to an immunoprotective amount of an Hsp47 polypeptide comprising the sequence AVL~~SA~~EQLR (SEQ ID NO:3). to prevent damage caused by lymphocytes, NK cells or NK-like cells.

67. (Currently amended) The method of claim 66, wherein said Hsp47 polypeptide comprises ~~[[the]]~~ a sequence having at least 80% sequence identity to AVL~~SA~~EQLR (SEQ ID NO:3) and said polypeptide exhibits immunoprotective properties of (SEQ ID NO:6).

68. (Previously Presented) The method of claim 66, wherein said Hsp47 polypeptide consists essentially of the sequence AVL~~SA~~EQLR (SEQ ID NO:3).

69. (Currently amended) The method of claim [[66]]61, wherein said Hsp47 polypeptide comprises a sequence at least 70% identical to SEQ ID NO:6 and said polypeptide exhibits immunoprotective properties of (SEQ ID NO:6).

70-72. (Cancelled)

73. (Currently amended) The method of claim [[66]]61, wherein said Hsp47 polypeptide consists of SEQ ID NO:6.

74. (Currently amended) The method of claim 66, wherein said Hsp47 polypeptide comprises a sequence at least 55.5% identical to SEQ ID NO:3 and said polypeptide exhibits immunoprotective properties of (SEQ ID NO:6).

75. (Currently amended) The method of claim 66, wherein said Hsp47 polypeptide comprises a sequence at least 66.6% identical to SEQ ID NO:3 and said polypeptide exhibits immunoprotective properties of (SEQ ID NO:6).

76. (Currently amended) The method of claim 66, wherein said Hsp47 polypeptide comprises a sequence at least 77.7% identical to SEQ ID NO:3 and said polypeptide exhibits immunoprotective properties of (SEQ ID NO:6).

77. (Currently amended) The method of claim 66, wherein said Hsp47 polypeptide comprises a sequence at least 88.8% identical to SEQ ID NO:3 and said polypeptide exhibits immunoprotective properties of (SEQ ID NO:6).

78. (Previously Presented) The method of claim 66, wherein said Hsp47 polypeptide comprises a polypeptide encoded by a nucleic acid sequence which hybridizes with a nucleic acid sequence of SEQ ID NO:4 under stringent conditions.

79. (Previously Presented) The method of claim 66, wherein said Hsp47 polypeptide comprises a polypeptide encoded by a nucleic acid sequence which hybridizes with a nucleic acid sequence of SEQ ID NO:4 under moderately stringent conditions.
80. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AAHVAEQLR (SEQ ID NO: 1).
81. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVLSAEKLR (SEQ ID NO: 1).
82. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVLSADKLN (SEQ ID NO: 9).
83. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLSAERVR (SEQ ID NO: 1).
84. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLSAEKVR (SEQ ID NO: 1).
85. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLSAEKVN (SEQ ID NO: 12).
86. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVLSADKLR (SEQ ID NO: 1).
87. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVLSADQLR (SEQ ID NO: 1).
88. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVLAAEQLR (SEQ ID NO: 28).

89. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVLVAEQLR (SEQ ID NO: 28).
90. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVHAAEQLR (SEQ ID NO: 28).
91. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVHVAEQLR (SEQ ID NO: 28).
92. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AALAAEQLR (SEQ ID NO: 28).
93. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AALVAEQLR (SEQ ID NO: 28).
94. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AAHAAEQLR (SEQ ID NO: 28).
95. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVLSAEQVR (SEQ ID NO: 29).
96. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVLSAEKVR (SEQ ID NO: 14).
97. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVLSAERLR (SEQ ID NO: 14).
98. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVLSAERVVR (SEQ ID NO: 14).
99. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLSAEQLR (SEQ ID NO: 14).

100. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLSAEQVR (SEQ ID NO: 14).

101. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLSAEKLR (SEQ ID NO: 14).

102. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLSAEKVR (SEQ ID NO: 14).

103. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLSAERLR (SEQ ID NO: 14).

104. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLSAERVVR (SEQ ID NO: 14).

105. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLSAEQLR (SEQ ID NO: 14).

106. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLSAEQVR (SEQ ID NO: 14).

107. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLSAEKLR (SEQ ID NO: 14).

108. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLSAERLR (SEQ ID NO: 14V

109. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVLAADKLR (SEQ ID NO: 28).

110. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVLAADKVR (SEQ ID NO: 28).

111. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVLAADQLR (SEQ ID NO: 28).
112. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVLAADQVR (SEQ ID NO: 28).
113. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVLAADRLR (SEQ ID NO: 28).
114. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVLAADRV R (SEQ ID NO: 28).
115. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVLAAEKLR (SEQ ID NO: 28):
116. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVLAAEKVR (SEQ ID NO: 28).
117. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVLAAEQVR (SEQ ID NO: 28).
118. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVLAAERLR (SEQ ID NO: 28).
119. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVLAAERV R (SEQ ID NO: 28).
120. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVLVADKLR (SEQ ID NO: 28).
121. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVLVADKVR (SEQ ID NO: 28).

122. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence
AVLVADQLR (SEQ ID NO: 28V)

123. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence
AVLVADQVR (SEQ ID NO: 28).

124. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence
AVLVADRLR (SEQ ID NO: 28).

125. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence
AVLVADRVR (SEQ ID NO: 28).

126. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence
AVLVAEKLR (SEQ ID NO: 28).

127. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence
AVLVAEKVR (SEQ ID NO: 28).

128. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence
AVLVAEQVR (SEQ ID NO: 28).

129. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence
AVLVAERLR (SEQ ID NO: 28).

130. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence
AVLVAEVR (SEQ ID NO: 28).

131. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence
AVHAADKLR (SEQ ID NO: 28).

132. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence
AVHAAKDVRVAVHAADKVR (SEQ ID NO: 28).

133. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVHAADQLR (SEQ ID NO: 28).

134. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVHAADQVR (SEQ ID NO: 28).

135. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVHAADRLR (SEQ ID NO: 28).

136. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVHAADRVVR (SEQ ID NO: 28).

137. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVHAAEKLK (SEQ ID NO: 28).

138. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVHAAEKVR (SEQ ID NO: 28).

139. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVHAAEQVR (SEQ ID NO: 28).

140. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVHAAERLR (SEQ ID NO: 28).

141. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVHAAERVR (SEQ ID NO: 28).

142. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVHVADKLR (SEQ ID NO: 28).

143. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVHVADKVR (SEQ ID NO: 28).

144. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVHVADQLR (SEQ ID NO: 28).
145. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVHVADQVR (SEQ ID NO: 28).
146. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVHVADRLR (SEQ ID NO: 28).
147. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVHVADRVVR (SEQ ID NO: 28).
148. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVHVAEKLK (SEQ ID NO: 28).
149. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVHVAEKVR (SEQ ID NO: 28).
150. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVHVAEQVR (SEQ ID NO: 28).
151. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVHVAERLR (SEQ ID NO: 28).
152. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AVHVAERVR (SEQ ID NO: 28).
153. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLAADKLR (SEQ ID NO: 28).
154. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLAADKVR (SEQ ID NO: 28).

155. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLAADQLR (SEQ ID NO: 28).

156. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLAADQVR (SEQ ID NO: 28).

157. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLAADRLR (SEQ ID NO: 28).

158. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLAADRVR (SEQ ID NO: 28).

159. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLAAEKLR (SEQ ID NO: 28).

160. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLAAEKVR (SEQ ID NO: 28).

161. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLAAEQLR (SEQ ID NO: 28).

162. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLAAEQVR (SEQ ID NO: 28V).

163. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLAAERLR (SEQ ID NO: 28).

164. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLAAERVR (SEQ ID NO: 28).

165. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLVADKLR (SEQ ID NO: 28).

166. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLVADKVR (SEQ ID NO: 28).

167. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLVADQLR (SEQ ID NO: 28).

168. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLVADQVR (SEQ ID NO: 28).

169. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLVADRLR (SEQ ID NO: 28).

170. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLVADRVVR (SEQ ID NO: 28).

171. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLVAEKLK (SEQ ID NO: 28).

172. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLVAEKVR (SEQ ID NO: 28).

173. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLVAEQLR (SEQ ID NO: 28).

174. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLVAEQVR (SEQ ID NO: 28).

175. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLVAERLR (SEQ ID NO: 28).

176. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALLVAERVVR (SEQ ID NO: 28).

177. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALHAADKLR (SEQ ID NO: 28).

178. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALHAADKVR (SEQ ID NO: 28).

179. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALHAADQLR (SEQ ID NO: 28).

180. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALHAADQVR (SEQ ID NO: 28).

181. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALHAADRLR (SEQ ID NO: 281).

182. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALHAADRVLR (SEQ ID NO: 281).

183. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALHAAEKLRL (SEQ ID NO: 281).

184. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALHAAEKVLR (SEQ ID NO: 281).

185. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALHAAEQLRL (SEQ ID NO: 281).

186. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALHAAEQVLR (SEQ ID NO: 281).

187. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALHAAERLRL (SEQ ID NO: 28).

188. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALHAAERVR (SEQ ID NO: 28).

189. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALHVADKLR (SEQ ID NO: 28).

190. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALHVADKVR (SEQ ID NO: 28V

191. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALHVADQLR (SEQ ID NO: 28).

192. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALHVADQVR (SEQ ID NO: 28V

193. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALHVADRLR (SEQ ID NO: 28).

194. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALHVADRVVR (SEQ ID NO: 28).

195. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALHVAEKLK (SEQ ID NO: 28).

196. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALHVAEKVR (SEQ ID NO: 28).

197. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALHVAEQLR (SEQ ID NO: 28).

198. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALHVAEQVR (SEQ ID NO: 28V

199. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALHVAERLR (SEQ ID NO: 28).

200. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ALHVAERVR (SEQ ID NO: 28).

201. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AALAADKLR (SEQ ID NO: 28).

202. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AALAADKVR (SEQ ID NO: 28).

203. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AALAADQLR (SEQ ID NO: 28).

204. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AALAADQVR (SEQ ID NO: 28).

205. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AALAADRLR (SEQ ID NO: 28).

206. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AALAADRVR (SEQ ID NO: 28).

207. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AALAAEKLK (SEQ ID NO: 28).

208. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AALAAEKVR (SEQ ID NO: 28).

209. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AALAAEQVR (SEQ ID NO: 28).

210. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AALAAERLR (SEQ ID NO: 28V).
211. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AALAAERVR (SEQ ID NO: 28).
212. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AALVADKLR (SEQ ID NO: 28V).
213. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AALVADKVR (SEQ ID NO: 28).
214. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AALVADQLR (SEQ ID NO: 28).
215. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AALVADQVR (SEQ ID NO: 28).
216. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AALVADRLR (SEQ ID NO: 28).
217. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AALVADRVVR (SEQ ID NO: 28).
218. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AALVAEKLR (SEQ ID NO: 28).
219. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AALVAEKVR (SEQ ID NO: 28).
220. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AALVAEQVR (SEQ ID NO: 28V).

221. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AALVAERLR (SEQ ID NO: 28).
222. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AALVAERVR (SEQ ID NO: 28).
223. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AAHAADKLR (SEQ ID NO: 28).
224. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ~~AAHAADKVR~~AAHAADKVR (SEQ ID NO: 28).
225. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AAHAADQLR (SEQ ID NO: 28).
226. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AAHAADQVR (SEQ ID NO: 28).
227. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AAHAADRLR (SEQ ID NO: 28).
228. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AAHAADRVR (SEQ ID NO: 28).
229. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AAHAAEKLR (SEQ ID NO: 28).
230. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AAHAAEKVR (SEQ ID NO: 28).
231. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AAHAAEQVR (SEQ ID NO: 28).

232. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AAHAAERLR (SEQ ID NO: 28).
233. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AAHAAERVR (SEQ ID NO: 28).
234. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AAHVADKLR (SEQ ID NO: 28V).
235. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AAHVADKVR (SEQ ID NO: 28).
236. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AAHVADQLR (SEQ ID NO: 28).
237. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AAHVADQVR (SEQ ID NO: 28).
238. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AAHVADRLR (SEQ ID NO: 28).
239. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AAHVADRVVR (SEQ ID NO: 28).
240. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AAHVAEKLR (SEQ ID NO: 28).
241. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AAHVAEKVR (SEQ ID NO: 28).
242. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AAHVAEQVR (SEQ ID NO: 28).

243. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AAHVAERLR (SEQ ID NO: 28).
244. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence AAHVAERVVR (SEQ ID NO: 28).
245. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLAADKLR (SEQ ID NO: 28).
246. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLAADKVR (SEQ ID NO: 28).
247. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLAADQLR (SEQ ID NO: 28).
248. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLAADQVR (SEQ ID NO: 28).
249. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLAADRLR (SEQ ID NO: 28).
250. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLAADRVVR (SEQ ID NO: 28).
251. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLAAEKLR (SEQ ID NO: 28).
252. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLAAEKVR (SEQ ID NO: 281).
253. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLAAEQLR (SEQ ID NO: 28).

254. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLAAEQVR (SEQ ID NO: 28).
255. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLAAERLR (SEQ ID NO: 28).
256. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLAAERVR (SEQ ID NO: 28).
257. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLVADKLR (SEQ ID NO: 28).
258. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLVADKVR (SEQ ID NO: 28).
259. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLVADQLR (SEQ ID NO: 28).
260. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLVADQVR (SEQ ID NO: 28).
261. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLVADRLR (SEQ ID NO: 28).
262. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLVADRVVR (SEQ ID NO: 28).
263. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLVAEKLR (SEQ ID NO: 28).
264. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLVAEKVR (SEQ ID NO: 28).

265. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLVAEQLR (SEQ ID NO: 28).

266. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLVAEQVR (SEQ ID NO: 28).

267. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLVAERLR (SEQ ID NO: 28).

268. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATLVAERVR (SEQ ID NO: 28).

269. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATHAADKLR (SEQ ID NO: 28).

270. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ~~ATHAARDVR~~ATHAADKVR (SEQ ID NO: 28).

271. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATHAADQLR (SEQ ID NO: 28).

272. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATHAADQVR (SEQ ID NO: 28).

273. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATHAADRLR (SEQ ID NO: 28).

274. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATHAADRVR (SEQ ID NO: 28).

275. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATHAAEKLK (SEQ ID NO: 28).

276. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATHAAEKVR (SEQ ID NO: 28).

277. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATHAAEQLR (SEQ ID NO: 28).

278. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATHAAEQVR (SEQ ID NO: 28).

279. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATHAAERLR (SEQ ID NO: 281).

280. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATHAAERVR (SEQ ID NO: 28).

281. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATHVADKLR (SEQ ID NO: 28V

282. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATHVADKVR (SEQ ID NO: 281).

283. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATHVADQLR (SEQ ID NO: 28).

284. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATHVADQVR (SEQ ID NO: 28).

285. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATHVADRLR (SEQ ID NO: 28).

286. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence ATHVADRV (SEQ ID NO: 28).

287. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence
ATHVAEKLR (SEQ ID NO: 28V)

288. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence
ATHVAEKVR (SEQ ID NO: 28V)

289. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence
ATHVAEQLR (SEQ ID NO: 28).

290. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence
ATHVAEQVR (SEQ ID NO: 28).

291. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence
ATHVAERLR (SEQ ID NO: 28).

292. (Withdrawn) The method of claim 66, wherein said polypeptide comprises the sequence
ATHVAERVR (SEQ ID NO: 28).